



**Contract and Land Management  
CITY OF AUSTIN**

**AGENDA  
DATE: 5/21/2009**

**RECOMMENDATION FOR COUNCIL ACTION**

**Title:** 052109 PW SWS Integrated Solid Waste Management Master Plan  
**Subject:** Authorize negotiation and execution of a professional services agreement with HDR ENGINEERING, INC., Austin, TX, for planning services Integrated Solid Waste Management Master Plan in an amount not to exceed \$1,500,000.

**Amount and Source of Funding:** Funding is available in the Fiscal Year 2008-2009 Capital Budget of the Solid Waste Services Department.

**Agenda Category:** Contract and Land Management

**For More Information:** David Smythe-Macaulay 974-7152; Rosie Truelove 974-3064; April Thedford 974-7141

**Prior Council Action:**

**Boards and Commission Action:** To be reviewed by the Solid Waste Advisory Commission on May 13, 2009.

The Austin City Council adopted the Zero Waste Strategic Plan on January 15, 2009. This is a dynamic long-range plan which uses the basic concept of reducing the amount of disposable waste over time that is generated by the community. This will be accomplished through recycling, education, public/private partnerships and new innovations.

This contract will provide for the development of an Integrated Solid Waste Management Master Plan (Master Plan). Using the City's Zero Waste goals as a foundation, the Master Plan will serve as a business planning document to identify financial requirements, regional waste shed challenges, facility requirements, and program requirements necessary to provide solid waste services to Austin's growing population for the next 50 years. Planning, architectural and engineering services that may be required to create the master plan include, but are not limited to the following:

**Master Plan:**

Review SWS current programs, as well as new initiatives including the City of Austin Climate Protection Program, Zero Waste Plan, Single-Stream Recycling Collection, material recovery facility, recycling of construction and demolition waste, landfill or other disposal capacity requirements, transfer station requirements, household hazardous waste collection facility requirements, employee and equipment service center requirements (parking, fueling, vehicle and equipment maintenance, supervisor offices and employee facilities, etc.), alternative fuels planning, commercial and industrial waste collection and disposal requirements, and other programs and issues that may be pertinent within the 50-year planning horizon to determine which programs and new initiatives will need to be implemented in the short term, in the long term, and/or be deferred indefinitely or not implemented at all.

Review SWS existing 2007 carbon footprint baseline provided by the Austin Climate Protection Program (ACPP), a division of Austin Energy.

Evaluate services currently provided by the City of Austin, the private sector or other governmental entities in the region with regard to cost, quality, efficiency,

and effectiveness in contributing to the City's goals and make recommendations to improve or terminate evaluated services.

Examine existing tools, models, and/ or case studies which foster development of partnerships (public/public and public/private) and make recommendations on new types of partnerships and/ or improvements to existing partnerships. Provide a schedule timeline projecting when new facilities will be needed.

Conduct public outreach surveys.

Recommend methods to encourage and promote markets for reclaimed and recycled materials, and the establishment and growth of local businesses that use reclaimed and recycled materials.

#### **Sustainability**

All new facility planning shall incorporate the United States Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEEDTM) guidelines per the City of Austin sustainable building practices Resolution (20071129-045 and 20071129-046) dated November 29, 2007.

Promote sustainable building practices by requiring a minimum certification of LEEDTM Silver for all facilities where applicable.

#### **Final Deliverables**

Provide a Capital Improvement Program (CIP) and funding plan as part of the Master Plan that coordinates all recommended services and facilities. The CIP, funding plan and the Master Plan must be comprehensive and consistent in its recommendations for how SWS should move forward in every aspect of its operations.

Recommend potential funding sources and work with SWS to establish an affordable project sequence based on funding resources.

Prepare and present the preliminary and final Master Plan and assist with presentations to other agencies.

Provide tools and training to selected SWS staff to continue updating the Master Plan.

This request allows for the development of a professional service agreement with the recommended firm. Should the City be unsuccessful in negotiating a satisfactory agreement with the recommended firm, negotiations will cease with that firm. Staff will then return to Council and request authorization to begin negotiations with the alternate recommendation listed below.

**Recommended Firm: HDR ENGINEERING, INC.**

**Alternate Firm: URS CORPORATION**